



Task Force Web

NPS Brief

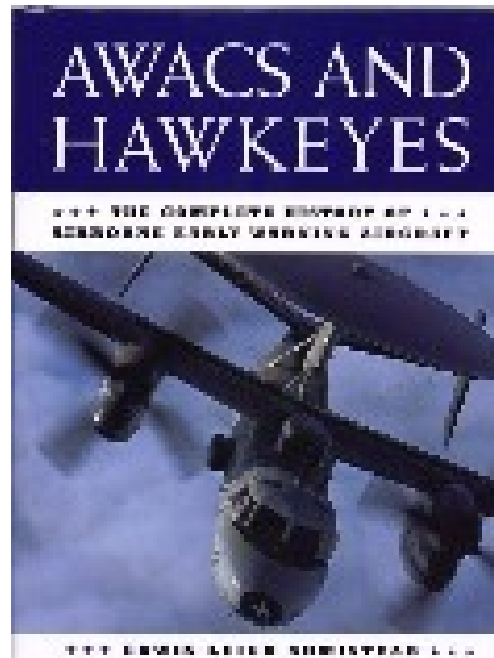
***21 February
2003***

***Leigh Armistead
LCDR, USN***



I can speak to ref ~~material~~

- Graduated with an MA (Military History) from Old Dominion ('93)
- Conducted vast majority of archival research at NHC
- I know who Kate Tarabian is, and why she is important!!





Introduction

- **What is Task Force Web?**
- **What is a Web-Enabled Navy?**
- **What are we trying to accomplish?**





Task Force Web Charter

- **NAVADMIN 077/01 3 April 2001 chartered TFW to lead the web transition effort by:**
 - **Establishing and maintaining the web architectural blueprint**
 - **Coordinating IT systems architectures**
 - **Providing recommendations to CNO on Web Enablement technologies**
 - **Reviewing Operational Requirements Documents (ORD) and Mission Needs Statements (MNS) for Web Enablement**
 - **Working with SYSCOMS and PEOS in prioritizing and migrating existing systems**



Task Force Web

“We are completely changing the dynamic of web services and the transformation that is engendering. We are trying to do something fundamentally transformational. This isn’t just about a portal.”

***- Ms Monica Shephard, Commander,
TFW***



What we're trying to accomplish



- A revolutionary change in the way the US Navy does business
- Transitioning to a networked organization for the 21st Century



The Bottom Line

- **IT is changing the entire world - not just the navy**
- **There are multiple paths all generally moving in the same direction**
- **NMCI is here to stay - the academic community cannot avoid going to the dark side!!**



Current State of Web Access



Numerous Web Sites -- Increasing Every Day



Desired State of Web Access

Accessible
via Business and
Tactical web services

Access

← **Navy Marine Corps Intranet** →

IT21
→ **Marine Corps Tactical Network** →





What is a Web-Enabled Navy?

**Operational and
business processes are
conducted worldwide
via interconnected and
interoperable web-
based IT systems.**



WEN Benefits

- **Improved access to information services**
- **Improved interoperability through the use of industry standard technology**
- **Improved Information Assurance (IA) posture through Single Sign On (SSO)**
- **Improved quality of information (use of authoritative data)**



Enterprise Portal Objectives

- **What does the portal do for a user?**
 - Aggregation and categorization of content
 - Customizable for a users roles and responsibilities
 - Can be personalized by a user to their work needs
 - Access to common tools and information
- **What does the portal do for a developer?**
 - Common look and feel support
 - Standard services for presentation and rendering
 - Access to aggregated services
 - Common identity authentication support

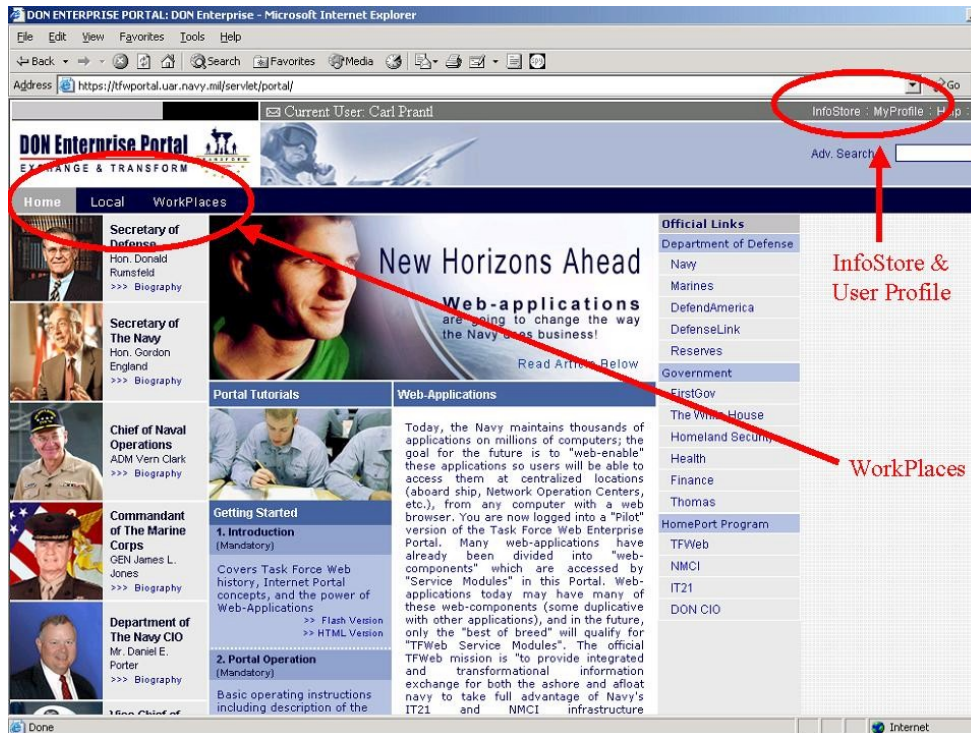


Enterprise Portal Advantages

- **User has access to:**
 - **Improved data exchange**
 - **Standardized of data replication**
 - **Can operate disconnected**
 - **Locally stored critical content**
 - **Consolidated application servers
(reduced
footprint/maintenance)**



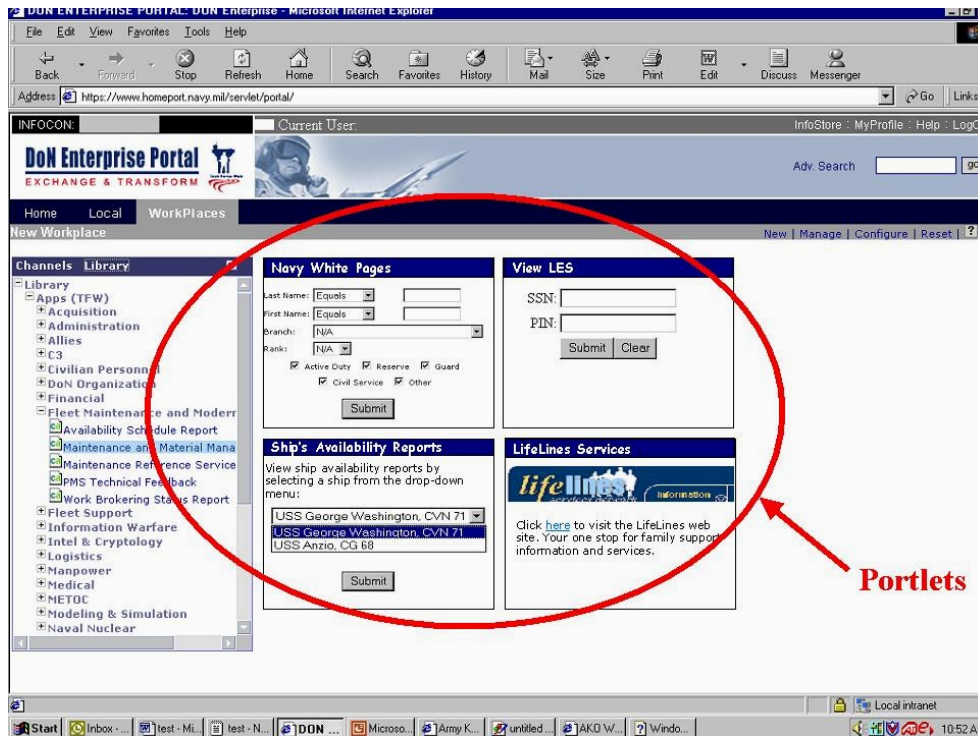
Navy Enterprise Portal (NEP)



- Aggregates content into workplaces
- Categorizes content through the InfoStore
- User personalization
- Common look and feel
- Customized content



What is a Portlet?



- **Visible, active window seen within the portal**
- **Integration point between the portal and web service**
- **Implemented using many technologies**



Application/Data Integration

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Portal Access

- **Thru CFFC instantiation, IT21 ship with portal installed, planned for BLII sites**
- **Secure Web Access being worked for users outside these enclaves**
- **Uses standard web browser (IE 5.5), Netscape (and others) supported with limitations**



Ashore/Afloat Portal

- **NIPRNET/SIPRNET Portal currently available at CFFC**
<https://portal.tfw.navy.mil>
- **Planned installs at CPF/CNE this Spring**
- **Pilot installed on GW - changes were made based on pilot lessons learned**
- **Production portal installed on TRBG in Jan 03, with C2F to follow**



How to Comply with ~~***TFWeb***~~

- **Download and read the Navy Enterprise Application Developer's Guide (NEADG)**
- **Review the TFWeb Architecture and processes in "TFWeb Info" workplace**
- **Review TFWeb FAQ on the "Developer's Resources" workplace**
- **Develop a User Facing Service (UFS) and modify it to fit your application**
 - **<https://tfw-opensource.spawar.navy.mil>**



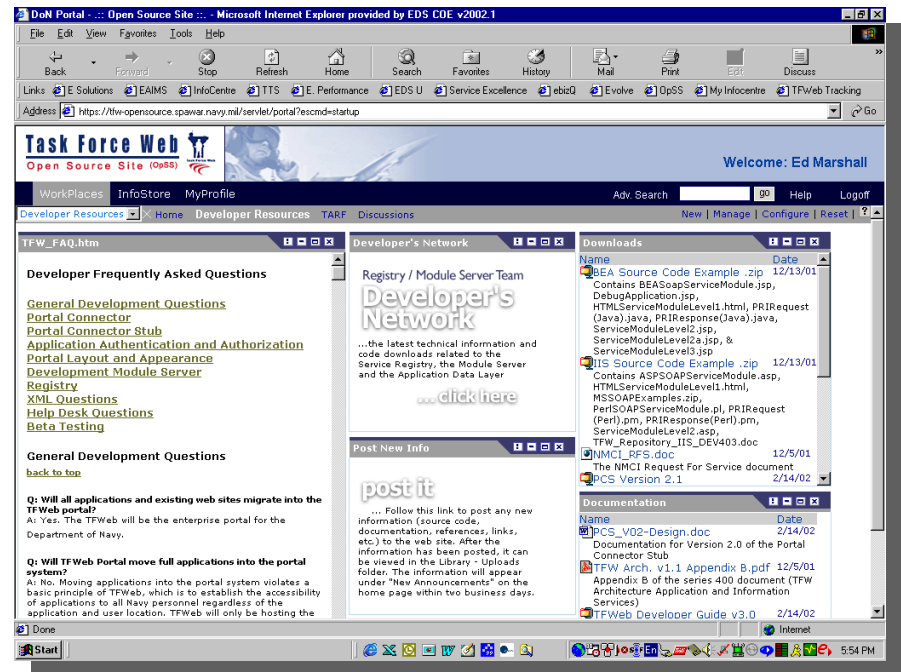
How to Comply with ~~*TFWeb*~~

- **Modify HTML or XML output of the service or application, as needed to meet TFW guidelines**
- **Preliminary Developer's testing can be requested by registering on OpSS**
- **Submit the Application Migration Registration (AMR) Package to begin beta certification testing**



Developer Support Resources

- **OpenSource Site (OpSS)**
- **Developer's Guide**
- **Developer Test Site Registration**
- **Developer FAQs**
- **Migration Checklist**
- **Sample Migration Package**
- **Test Plan Template with test cases**
- **Technical Assistance Request Form (TARF)**



<https://tfw-opensource.spawar.navy.mil>



Ongoing Development

- **Industry Standards based**
 - **Hardware independent**
 - **Open Source Portal**
 - **Single Sign On**
 - **PKI**
- **Working with DISA and Joint/Allied partners to improve web interoperability**
- **Hosting Mobile Code**



TFW's Mission reaffirmed

- **Legacy Application Warfare (CNNWC 151939Z JAN 03)**
- **NMCI and Enterprise IT Issues (CNO N6N7 131730Z Jan 03)**



NETWARCOM

★ *Mission* ★ *People* ★ *Capability*



Questions?

**TFW is here to
help!!**